

STIC-Biotech/ChemLib

~~198128~~ 199484

**From:** Li, Bao-Qun  
**Sent:** Thursday, August 10, 2006 9:16 AM  
**To:** STIC-Biotech/ChemLib  
**Subject:** RE:

The current number is 09/587,653. Thank you very much.

-----Original Message-----

**From:** STIC-Biotech/ChemLib  
**Sent:** Thursday, August 10, 2006 9:15 AM  
**To:** Li, Bao-Qun  
**Subject:** FW:

Please change the serial number. Linda

-----Original Message-----

**From:** Hale, Mary  
**Sent:** Thursday, August 10, 2006 9:04 AM  
**To:** STIC-Biotech/ChemLib  
**Subject:** FW:

Hi Linda,

Please log this in as a search and ask Deirdre to process

-----Original Message-----

**From:** Li, Bao-Qun  
**Sent:** Thursday, August 10, 2006 6:36 AM  
**To:** Hale, Mary  
**Subject:**

Mary: I need to do one sequence alignment of SEQ ID No: 2 of application 09/587,650 with genbank accession number U22304. Can you help me to find one searcher to put them together or I need to file a sequence search request. Is there anyway that I can do it by myself, because I need it badly. Thank you.

Bao Qun Li M.D  
TC 1600  
Art Unit 1648  
Tel. 517-272-0904  
REM, 3C18  
Rm. 3D24

8/10/2006

GenCore version 5.1.9  
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# OM nucleic - nucleic search, using sw model

Run on: August 23, 2006, 14:17:07 ; Search time 23 Seconds

(without alignments)  
7.473 Million cell updates/sec

Title: US-09-587-653B-2-COPY

Sequence score: 9399  
1 accacaacacccacccttg.....cccgcttgatcaaaact 9399

Scoring table: IDENTITY NUC  
Gapop 10.0 , Gapext 0.5

Searched: 1 segs, 9143 residues

Total number of hits satisfying chosen parameters: 2

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : u22304.gb\_v1.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	9061.8	96.4	9143	1	HGU22304
2	31	0.3	9143	1	HGU22304

## ALIGNMENTS

RESULT 1  
HGU22304 9143 bp RNA linear VRL 12-APR-1995  
DEFINITION Hepatitis GB virus B polypeptide complete genome.  
ACCESSION U22304  
VERSION U22304.1 GI:765144  
KEYWORDS  
SOURCE Hepatitis GB virus B  
ORGANISM Hepatitis GB virus B  
REFERENCE 1 (bases 1 to 9143)  
1 Simons J.N., Pilot-Matias T.J., Leary T.P., Dawson G.J.,  
Desai S.M., Schauder G.G., Muehloff A.S., Ecker J.C., Buik S.L.,  
Chalmers M.L., van Sant C.L. and Mushahwar I.K.  
Identification of two flavivirus-like genomes in the GB hepatitis  
agent  
Proc. Natl. Acad. Sci. U.S.A. 92 (8), 3401-3405 (1995)

JOURNAL PUBLISHED 7724574  
REFERENCE 2 (bases 1 to 9143)  
AUTHORS Simons J.N.  
TITLE Direct Submission  
JOURNAL Submitted (06-MAR-1995) John N. Simons, Experimental Biology  
Department, Abbott Laboratories, 1401 Sheridan Rd., North Chicago,  
IL 60064, USA  
FEATURES  
source Location/Qualifiers  
1. 9143

CDS

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Query Match 96.4%; Score 9061.8; DB 1; Length 9143;  
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Matches 9096; Conservative 0; Mismatches 37; Indels 4; Gaps 1;  
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[illegible]

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Dd	1381	GTTTACAGAGTATACACTACTGGCGGTTTGGCCGCTGATCTACTATGCTCTCGGGGCAA	1440
Qy	1441	GTGGTATCAGTGTGCTCTAGCCGCTTATGCTTTACATPAGAACGACCTCTGGAACCTCTAT	1500
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Dd	1501	CAGGGTGCACATGAGATGCTCATATAGCTGAGTTTGTCTGCGCTTTGATGATTCATGTTC	1560
Qy	1561	TTGGCATTCTTATTTGAGTGAAGATGTGTGAGAAAGTCAATTTGTTACAGTCCAAAGTGAAC	1620
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QY	2461	AACTTTCTTTGTTCAGACGCTGCTGCCCAACAGATTATGACTGTGTGGGTGCGACTGCT	2520
Db	2461	AACTTTCTTTGTTCAGACGCTGCTGCCCAACAGATTATGACTGTGTGGGTGCGACTGCT	2520
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QY	2761	TTGGCAACGTTGGGAGAAATGGTTTTGGAACGTTACATAAGACCGAGAGGTTTTTCTT	2820
Db	2761	TTGGCAACGTTGGGAGAAATGGTTTTGGAACGTTACATAAGACCGAGAGGTTTTTCTT	2820
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QY	2881	CGTACCTCTTCTAATGTTTTAACAATCCAGTGCAGCATCGTTCTTTGGGACTGACTTAAGGCT	2940
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QY	2941	TAGGGCCCATTAAGAAATGTGGGTGCGCTCGGAAAGTGTCAATGCTTGATATTCATTAATGT	3000
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QY	3721	GATGTTCAACGGCTCTAGAAATTCTGGCGGTTCACTGATGACATTAAGGGTTAGCGGTT	3780
Db	3721	GATGTTCAACGGCTCTAGAAATTCTGGCGGTTCACTGATGACATTAAGGGTTAGCGGTT	3780
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QY	4201	TGTTAAGCTAGTGGTTTCTTGCACCGGTACCCCCCGTAGAGTATCCCTACACCAATGC	4260
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Db	4261	CAACATATCGAGATTCATTTAACCGATGAAGGACATATCCCTTTCATGGAATAAAGAT	4320
QY	4321	TAAAGAGAAATCTGAAGAAAGGAGACACTTATCTTTGAGGCTACCAAAAAACATG	4380
Db	4321	TAAAGAGAAATCTGAAGAAAGGAGACACTTATCTTTGAGGCTACCAAAAAACATG	4380
QY	4381	TGATGAGCTTGCTAACAGATTAGTGCAAAAGGGAATAACAGCTGTCTCTTAATCTATAGGG	4440
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QY	4441	ATGTGACATCTCAAAAATCCCTGAGGGGCACTGTGTGTGTGTGGCACTGATGCTCTGTG	4500
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 Db 5101 AATGTGCTTCACTGAAGTCAATCTTCTGGGACGCGGCACTGCTGTGGCGTGTGAGT 5160  
 Qy 5161 GCGTATGAGCTTATCTAGCAATTTGACCTTGTGGCGCACTTGTGGCGGCTTGTCTGTC 5220  
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 Qy 5221 TATTGATCAAGTCCCTACCGGTGCTACTGTGCCCCAGAGTGTGACGAAGAAATCGT 5280  
 Db 5221 TATTGATCAAGTCCCTACCGGTGCTACTGTGCCCCAGAGTGTGACGAAGAAATCGT 5280  
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ORGANISM    Hepatitis GB virus B
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            Desai, J.N., Pilot-Macias, T.J., Leary, T.P., Dawson, G.J.,
            Chalmers, M.L., van Sant, C.L. and Mushawar, I.K.
            Identification of two Flavivirus-like genomes in the GB hepatitis
            agent
            Proc. Natl. Acad. Sci. U.S.A. 92 (8), 3401-3405 (1995)
            7724574
            2 (bases 1 to 9143)
            Simons, J.N.
            Direct Submission
            Submitted (06-MAR-1995) John N. Simons, Experimental Biology
            Department, Abbott Laboratories, 1401 Sheridan Rd., North Chicago,
            IL 60064, USA
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Job time : 23 secs

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